

10/540864

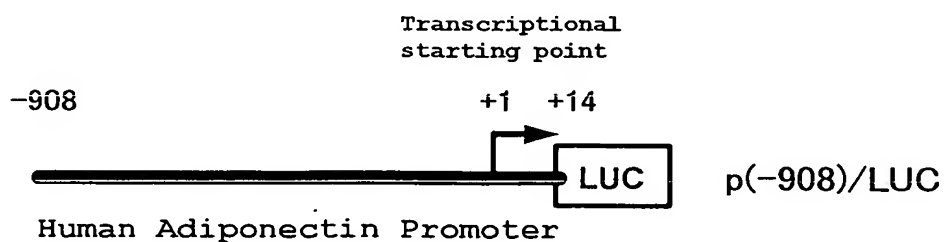
Figure 1

```

-908 CTTCTAGGCCAGAGCTGGGTTCACAAGAGACAGAATAGG -868
CATATATATGCTTAAGGAACTGGAAAAACAGGCTCTCTCTCTCACAAA -818
CACACACACACACATACCAAGGTAGCTGTCAAATGTTATCCGAAATTTT -768
GGAACCAAAAAATCTTGAAAGATGGTATTCCAATATCACATTTTATGTAA -718
GTTTTCTATTATATTAGATTCAAATTACGATTTCGAGGCCACAAGCTTTAA -668
GAATTCAGGGCCTTTTTAACTTGCCAAGCCCCACACCACTCCAGGAACTT -618
CCCCACACCCAGTTCTCAGAATTCATGTGCAAGGTCTTTCCTAAATCCA -568
GGGTCCAGGTCAGAGAGTGAGGATGTGCTCTATTTCTTACCTGATTGCA -518
GACCCCTCTGACAGTGCTCCCTTCTGAAGCACTCACTGTCTGAACGTACA -468
CAGTCTCAGACTTAATCATGCACAGTGAGCAAGACTGTGGTGTGATAATT -418
GGCGTCCCTGACTTATTAGGGCAAATCTATGGGAGGGGGAGACCTCCTGG -368
ACCACTGAGCAATTAATTCATTTACATTAGGAAGTTTCTCCGTCAGATGC -318
AGGAAAAAATCTTGTTTTCTGCTGTGGTTTTTGACTTTTGCCCCATCTT -268
                                -285      -273
                                P P R E
CTGTTGCTGTTGTAGGAGGCAAATAAGGGTCAAGGCCTGGAAACACAAG -218
                                -237      -229
                                L R H - R E
TGCTTTGACTGAAGCTCCACTTGGCTTCCGAAGCCCAAGCTGGGTTGTAC -168
CAGGTTCCCTAGGGTGCAGGCTGTGGGCAACTGCCAGGGACATGTGCCTG -118
CCCACCGGCCTCTGGCCCTCACTGAGTTGGCCAATGGGAAATGACAATTG -68
TGAGGTGGGGACTGCCTGCCCCCGTGAGTACCAGGCTGTTGAGGCTGGGC -18
CATCTCCTCCTCACTTC / CATTCTGACTGCAG +14
-1 +1

```

Figure 2  
Structure of Human Adiponectin Promoter/Reporter Plasmid



Deletion Constructs of Human Adiponectin Promoter

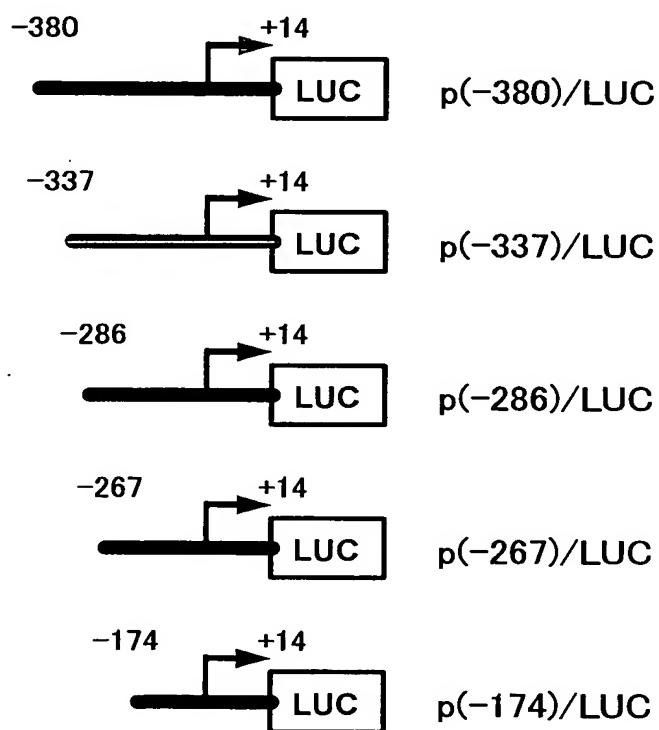


Figure 3

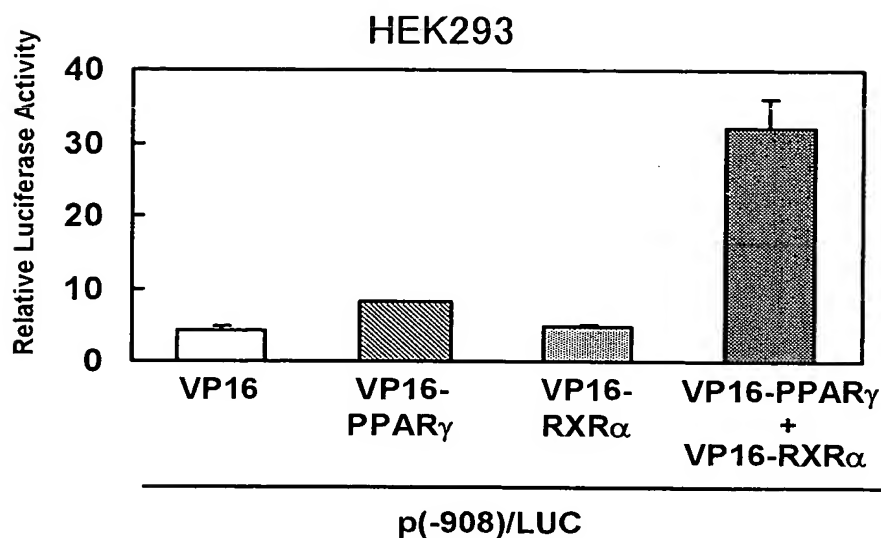


Figure 4

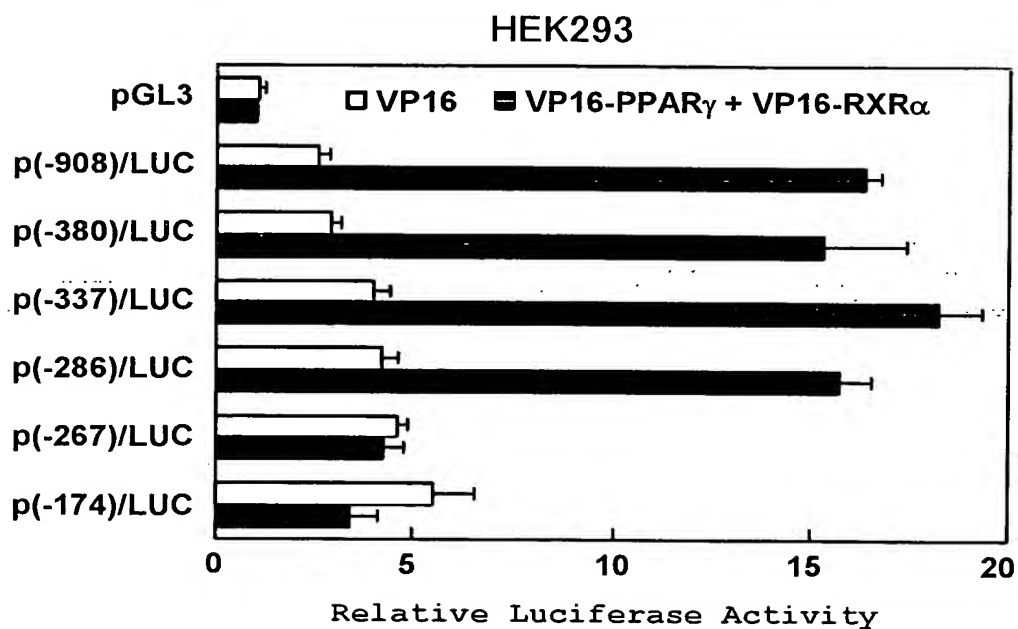


Figure 5

Gene	PPRE sequence
Human adiponectin	5'- GGGGCA A AAGTCA -3'
Mouse aP2	5'- GGGTGA A ATGTGC -3' 5'- GGATCA G AGTTCA -3'
Mouse c-Cbl binding protein	5'- AGGCTA A AGGTCA -3'
Mouse LXR $\alpha$	5'- GGGGCA A AGTTCA -3'
Mouse aquaporin adipose	5'- AGGGGA G AGGTCA -3'

Figure 6

# Human Adiponectin Promoter/Reporter

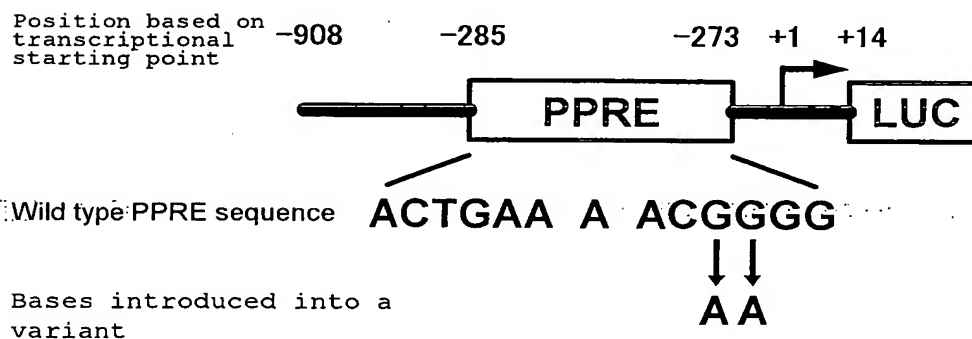
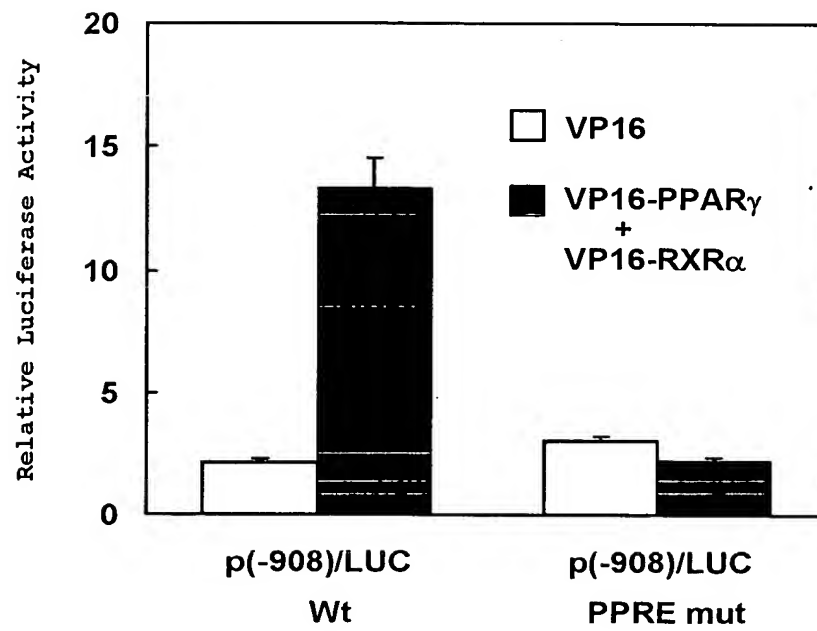


Figure 7  
HEK293



107540864

Figure 8

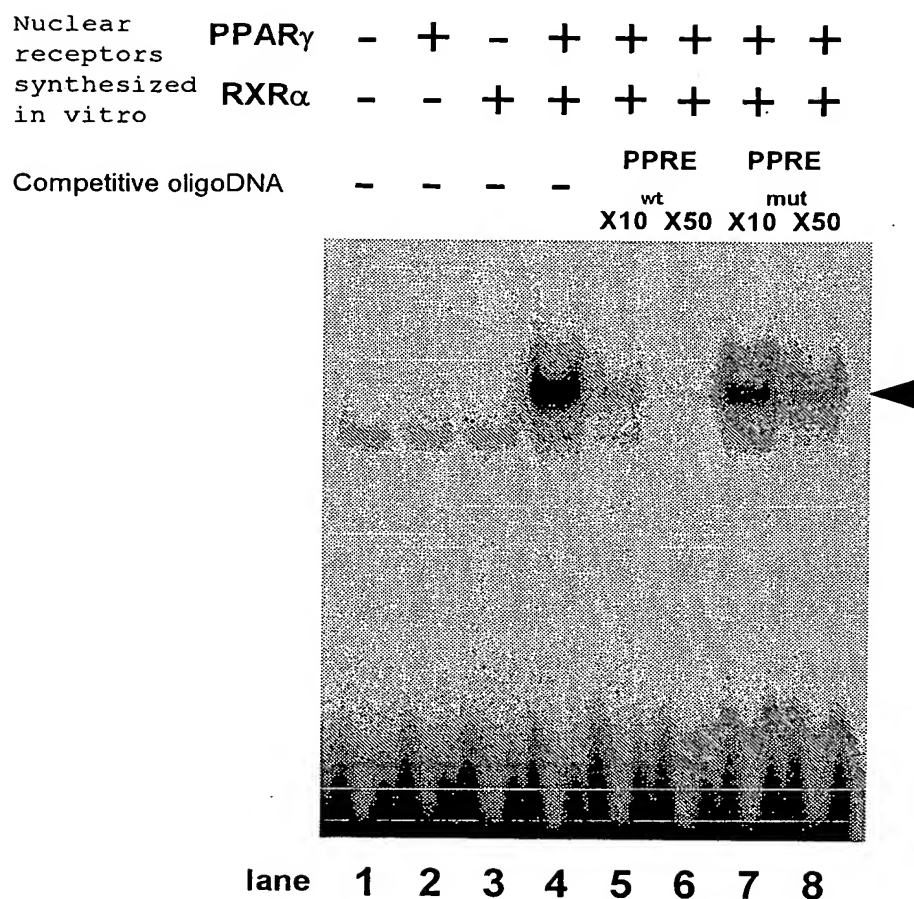


Figure 9

Gene	LRH-RE sequence
Human adiponectin	5'- TCAAGGCCT -3'
Rat CYP7A1	5'- TCAAGGCCG -3'
Human CYP7A1	5'- TCAAGGCCA -3'
Human CETP	5'- GCAAGGTCC -3'
Rat CYP8B1	5'- GCAAGGTCC -3' 5'- CCAAGGGCA -3'

10/540864

Figure 10

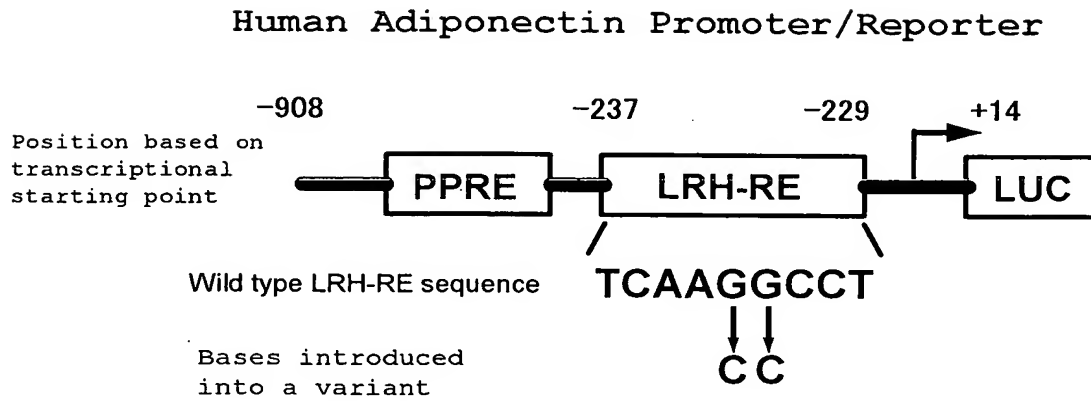
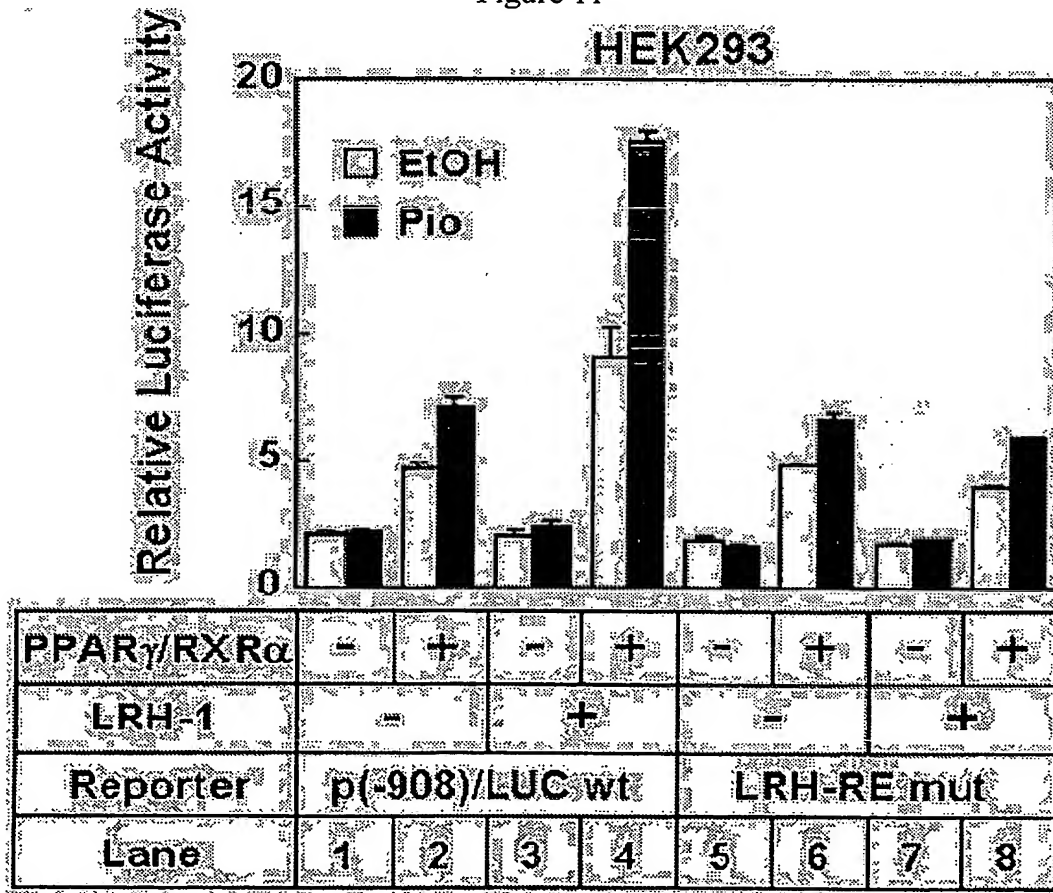


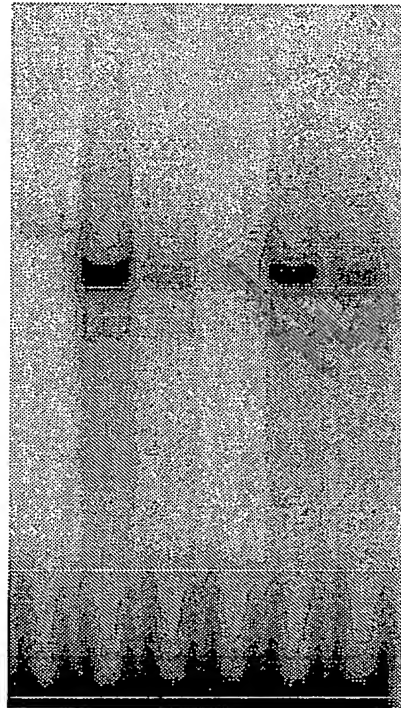
Figure 11



10/540864

Figure 12

Nuclear receptors synthesized in vitro	LRH-1	-	+	+	+	+	+
Competitive oligoDNA		-	-	LRH-RE wt		LRH-RE mut	
				X10	X50	X10	X50



lane 1 2 3 4 5 6



101540864

Figure 13

